BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Providing Control switches, wires , LED street lights and etc to Agrahara badavane and Surrounding Areas in Jakkur Ward No.05

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. K L SURESH (CHANDANA ELECTRICALS)	
				In figures	In words
1	410.00	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility	Nos	9670.00	Rupees Nine Thousand Six Hundred Seventy Only
2	410.00	Supplying and Fixing.....mm dia class A GI pipe bracket up to 2.7 meters long terminated with a reducing collar of 40x25mm to which extra pipe of 175mm length is fixed for fixing MV/SV/MH/FTL street light fitting of all capacities on rail/RCC/wall/tubular pole, using suitable clamps, bolts, nuts and wiring using suitable capacity wires.Using 40mm dia G.I.Pipe	Each	1210.00	Rupees One Thousand Two Hundred Ten Only
3	1000.00	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring.4 sqmm	Mtrs	9.00	Rupees Nine Only
4	40.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	20.00	Rupees Twenty Only
5	410.00	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	175.00	Rupees One Hundred Seventy Five Only
6	10.00	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.300mmx300mmx214mm	Nos	3754.00	Rupees Three Thousand Seven Hundred Fifty Four Only
7	10.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics)100Amps 25kA.	Nos	4530.00	Rupees Four Thousand Five Hundred Thirty Only

For CHANDANA ELECTRICALS

K L Suresh

Contractor Proprietor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. K L SURESH (CHANDANA ELECTRICALS)	
				In figures	In words
8	80.00	Supplying heavy gauge PVC conduit pipe .....dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.25mm dia 2mm thick	Mtrs	65.00	Rupees Sixty Five Only
9	500.00	ACSR conductor as per IS-398 (Part -2/1996) Supplaying of Weasel ACSR (6/2.59 mm Al + 1/2.59 mm St), Std Wt : 128 kgs/km	Mtrs	21.00	Rupees Twenty One Only
10	16.00	LT 2 Pin X Arms - MS (Dwg No. BESCOM/GM/QS&S/32 Dtd 24.11.2018	Nos	86.00	Rupees Eighty Six Only
11	16.00	RCC Pole clamp - MS (Dwg No. BESCOM/GM/QS&S/30 Dtd 24.11.2018)	Nos	53.00	Rupees Fifty Three Only
12	15.00	1.1kV Ceramic Pin Insulator (Shell only)	Nos	18.00	Rupees Eighteen Only
13	15.00	1.1kV GI Pin FOR 1.1kV Cermaic shell Insulator	Nos	22.00	Rupees Twenty Two Only
14	10.00	No.8 Strain Insulator	Per Mt	16.00	Rupees Sixteen Only
15	500.00	Stringing of conductor (including pin binding, providing jumps, dead ending, etc.,)Weasel	Mtrs	25.00	Rupees Twenty Five Only
16	16.00	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	105.00	Rupees One Hundred Five Only
17	20.00	1.1KV Class HR (Heat Resistant) PVC Insulated & UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS-694: 2010PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	Mtrs	32.00	Rupees Thirty Two Only
18		GST @ 12%			

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K.L. SURESH

Proprietor

Contractor

Executive Engineer
Project Division
Yelahanka Zone